

Turnaround Time Snapshot

Reporting period: November 7, 2021 to November 13, 2021

The turnaround time measured is defined as the time between collection of specimen and reporting of results. This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delays incurred between specimen collection and lab receipt of specimen may not be attributable to the labs. The turnaround time data for individual test results are currently only available at the date level (vs. date & timestamp). As such, the turnaround time calculations are based on whole day. On occasion, turnaround time may be higher if there is a date change between collection of specimen and reporting of results. Labs that delivered more than 1,000 results in the week are included in the dashboard.

The data source for the analysis is CalREDIE; detailed methodology is included at the end of the document.

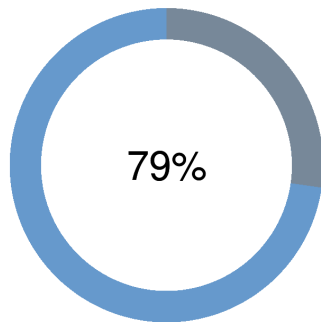


Turnaround Time, days¹: Reporting period of 11/7/2021 - 11/13/2021²

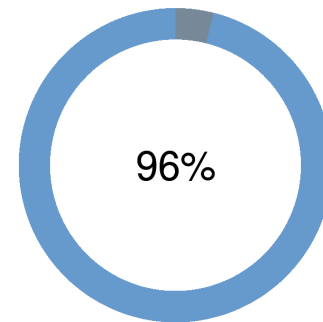
Average turnaround time from specimen collection to lab result: day

% of results meeting turnaround time of 1 day

% of results meeting turnaround time of 2 days



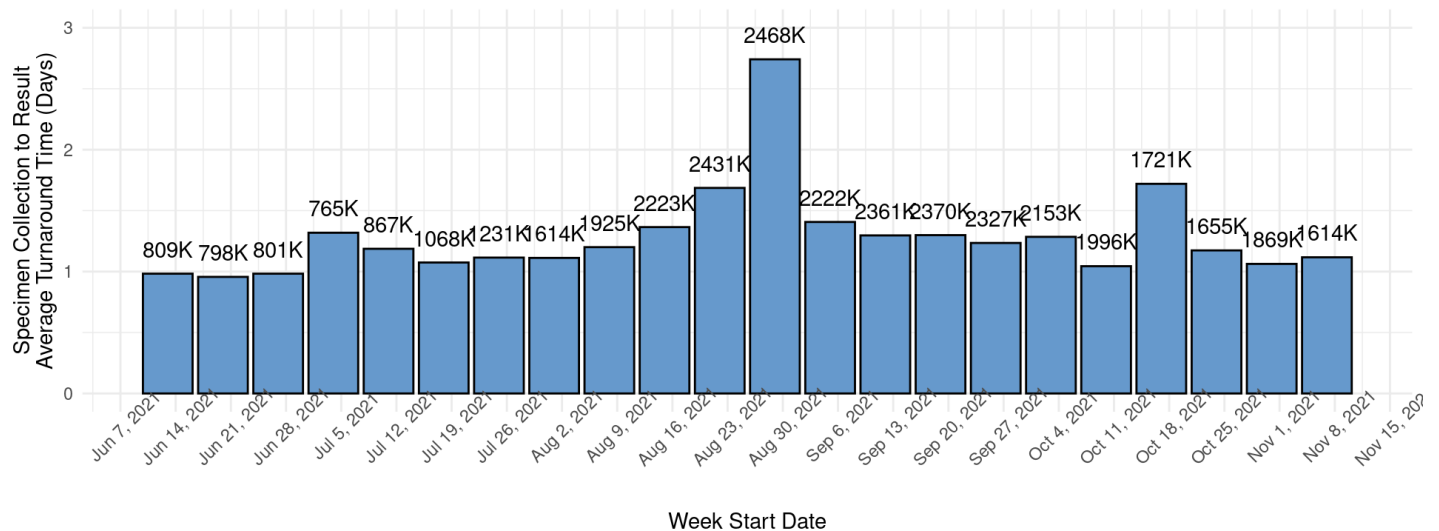
% change from week prior
-4%



% change from week prior
-1%

Average Turnaround Time by weeks, days¹

Note: In text is the # PCR tests per 1000



1. Average turnaround times were determined based on date timestamp data only - hour timestamp currently unavailable

2. Results assigned to week based on specimen result date. Results may be delayed entering CalREDIE production, therefore the metrics retroactively change

Source: CalREDIE ELR messages received in CalREDIE production: "Specimen collected date" and "Result date" are reported by the laboratory via HL7 ELR messages

Time from specimen collection to lab results (days): Week of 11/7/2021 - 11/13/2021²

Lab Category	Location	Total test count	1 day, % of results	2 days, % of results	3 days - 4 days, % of results	5+ days, % of results	Total results within 2 days, % of results	Difference in % of results within 2 days from prior period	Specimen collection to result average TAT (days)
	Total	1,613,697	79%	18%	3%	0%	96%	-0.9%	1.1
Commercial	Total	1,066,413	78%	18%	4%	1%	96%	-1.2%	1.2
Commercial	Fulgent Genetics	124,017	96%	4%	0%	0%	100%	0.1%	1
Commercial	SummerBio	90,901	25%	69%	6%	0%	94%	-5.2%	1.6
Commercial	Uncategorized	89,134	93%	4%	3%	1%	97%	0.1%	<1
Commercial	COVID Clinic	73,178	87%	9%	3%	1%	97%	-0.2%	1.4
Commercial	Quest	64,983	72%	21%	5%	0%	93%	-2.5%	1.4
Commercial	Flow Health	63,329	100%	0%	0%	0%	100%	-0.0%	<1
Commercial	Curative	55,190	88%	10%	2%	0%	98%	-0.1%	1
Commercial	Color Genomics	42,048	69%	27%	4%	0%	96%	-0.9%	1.2
Commercial	Labcorp	41,433	44%	49%	7%	0%	93%	-0.8%	1.9
Commercial	Crestview Clinical Laboratory	31,233	40%	27%	25%	8%	67%	-3.4%	2.2
Commercial	Inspire Health Alliance	26,053	70%	28%	2%	0%	97%	0.0%	1.1
Commercial	Helix OpCo	24,811	98%	2%	0%	0%	100%	0.0%	<1
Commercial	Avellino	22,912	73%	18%	7%	1%	91%	-1.6%	1.4
Commercial	MyMedLab	21,143	66%	29%	4%	0%	95%	-2.3%	1.3
Commercial	MiraDx	20,691	58%	32%	9%	1%	90%	-1.5%	1.6
Commercial	Quickmed	14,436	100%	0%	0%	0%	100%	-0.0%	<1
Commercial	MD Labs	13,521	94%	1%	4%	0%	95%	-3.0%	<1
Commercial	PMH Laboratory	12,427	81%	16%	3%	0%	97%	4.7%	1.2
Commercial	PREDICINE INC.	12,377	100%	0%	0%	0%	100%	0.0%	<1
Commercial	The Testing Company	10,333	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Biocept	8,983	75%	18%	7%	1%	93%	-3.2%	1.3
Commercial	Ambry Genetics	8,372	98%	1%	1%	0%	99%	-1.2%	<1
Commercial	Primex Clinical Laboratories	7,841	100%	0%	0%	0%	100%	0.0%	<1
Commercial	WestPac Labs	7,296	79%	17%	4%	0%	96%	4.4%	9.9
Commercial	PathMD	7,120	96%	4%	0%	0%	100%	-0.2%	3.5
Commercial	BioReference Laboratories	7,094	100%	0%	0%	0%	100%	0.0%	<1

Commercial	One Health Laboratory	6,852	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Verily Labs	6,487	76%	19%	4%	0%	96%	3.0%	1.2
Commercial	Laboratory Services of America	6,469	4%	95%	1%	0%	98%	-0.4%	2
Commercial	Phamatech Laboratories & Diagnostics	6,214	100%	0%	0%	0%	100%	0.0%	<1
Commercial	National Lab	5,929	91%	6%	3%	0%	97%	-2.4%	<1
Commercial	Brio Clinical	5,687	93%	5%	2%	0%	98%	0.6%	1.2
Commercial	ShieldT3	5,445	94%	5%	0%	0%	100%	0.2%	<1
Commercial	InnerHealth Laboratory	4,977	85%	9%	4%	1%	95%	-3.0%	6.5
Commercial	Discover Labs	4,925	70%	22%	7%	1%	92%	-5.0%	7.3
Commercial	IGeneX	4,689	85%	5%	10%	1%	90%	-6.8%	1
Commercial	Omni Pathology	4,689	79%	20%	0%	0%	100%	-0.3%	1
Commercial	Aegis Sciences	4,326	65%	29%	5%	1%	94%	2.2%	1.5
Commercial	UDL	3,999	99%	1%	0%	0%	100%	0.8%	<1
Commercial	Dxterity Laboratory	3,875	93%	6%	1%	0%	99%	-0.2%	1
Commercial	Genentox Laboratories	3,796	93%	5%	2%	0%	98%	1.4%	<1
Commercial	AIT Labs	3,358	42%	30%	23%	5%	72%	-8.9%	2
Commercial	Clarity Lab Solutions	3,262	96%	2%	1%	0%	99%	-0.2%	<1
Commercial	Pacific Toxicology Labs	3,227	98%	1%	0%	1%	99%	0.2%	<1
Commercial	Genetworx	3,174	81%	12%	6%	1%	93%	-0.3%	<1
Commercial	Birdrock	2,915	41%	34%	22%	3%	76%	19.4%	1.9
Commercial	Simple Laboratories	2,755	97%	2%	1%	0%	99%	16.9%	<1
Commercial	Cue Health	2,742	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Foundation labs	2,713	87%	7%	5%	1%	94%	-1.4%	1.2
Commercial	HealthQuest Esoterics	2,658	68%	23%	8%	1%	91%	-2.9%	<1
Commercial	Pangea Labs	2,524	85%	14%	1%	0%	99%	-0.2%	<1
Commercial	Sunrise Diagnostic Laboratory	2,433	96%	3%	1%	0%	99%	-0.7%	<1
Commercial	Pacific Diagnostic Laboratories	2,339	99%	1%	0%	0%	100%	0.1%	<1
Commercial	Vitae Diagnostics	2,288	93%	6%	1%	0%	99%	0.1%	<1
Commercial	PacGenomics	2,068	100%	0%	0%	0%	100%	0.0%	<1

Commercial	Valley Clinical Laboratory	2,065	79%	15%	6%	0%	94%	3.0%	1
Commercial	Sterling Pathology	1,896	80%	16%	2%	2%	96%	0.5%	1.2
Commercial	Priva Path (dba LGC Labs)	1,752	68%	20%	9%	2%	89%	-1.4%	1.3
Commercial	Genesis Laboratory Management	1,744	83%	11%	5%	1%	95%	2.4%	1.3
Commercial	Exceltox	1,691	87%	9%	4%	0%	96%	-2.3%	1
Commercial	Genesis Reference Laboratories	1,513	70%	25%	5%	1%	94%	3.0%	1.4
Commercial	Bach Diagnostics	1,365	65%	17%	17%	1%	82%	-2.5%	1.6
Commercial	StemExpress	1,365	82%	17%	1%	0%	99%	0.1%	1
Commercial	Biological Laboratory	1,318	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Biocorp	1,264	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Mako Medical	1,198	86%	9%	5%	0%	95%	8.6%	1.2
Commercial	Biocerna	1,196	98%	1%	0%	0%	100%	-0.1%	<1
Commercial	Basis Diagnostics	1,178	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Medical Diagnostic Laboratory	1,177	100%	0%	0%	0%	100%	0.0%	<1
Commercial	Focal Point	1,137	99%	0%	0%	1%	99%	-0.4%	1
Commercial	DiaCarta	1,096	88%	4%	8%	0%	92%	0.1%	<1
Commercial	Vikor	1,044	0%	50%	44%	6%	50%	5.3%	2.8
Medical Center Affiliated	Total	369,962	86%	12%	2%	0%	98%	-0.6%	<1
Medical Center Affiliated	Kaiser SoCal	60,850	96%	4%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	Kaiser NorCal	59,973	71%	29%	0%	0%	100%	-0.3%	1.2
Medical Center Affiliated	UC Davis	36,293	82%	17%	1%	0%	99%	-0.7%	<1
Medical Center Affiliated	UCLA	32,635	49%	37%	12%	1%	86%	-5.9%	1.6
Medical Center Affiliated	University of Southern California - Los Angeles	18,179	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	Sutter Health	15,858	93%	6%	0%	0%	100%	-0.1%	<1
Medical Center Affiliated	Dignity Health	14,527	96%	2%	1%	0%	99%	-0.3%	<1

Medical Center Affiliated	UCSD	10,754	97%	3%	0%	0%	100%	1.4%	<1
Medical Center Affiliated	Stanford Hospital and Clinics	8,604	99%	1%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	UC Irvine	8,020	82%	17%	2%	0%	98%	1.0%	<1
Medical Center Affiliated	Innovative Genomics Institute	7,124	76%	23%	1%	0%	99%	-0.8%	1.2
Medical Center Affiliated	Providence Health & Services	6,834	96%	3%	1%	0%	99%	1.8%	<1
Medical Center Affiliated	HCA	6,617	96%	4%	0%	0%	100%	-0.0%	<1
Medical Center Affiliated	Santa Clara Valley Medical Center	5,803	100%	0%	0%	0%	100%	0.1%	<1
Medical Center Affiliated	Sharp HealthCare	5,591	98%	2%	0%	0%	100%	-0.0%	<1
Medical Center Affiliated	Calm Lab	5,566	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	Cedars-Sinai Medical Center	5,025	78%	17%	4%	2%	95%	1.2%	1
Medical Center Affiliated	Scripps	4,810	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	UCSF	3,860	99%	1%	0%	0%	100%	-0.3%	<1
Medical Center Affiliated	Community Medical Centers	3,543	99%	1%	0%	0%	100%	0.2%	<1
Medical Center Affiliated	Loma Linda University Health	2,895	100%	0%	0%	0%	100%	-0.1%	<1
Medical Center Affiliated	Veterans Affairs	2,065	94%	4%	2%	0%	98%	-1.1%	<1
Medical Center Affiliated	Adventist Health	1,980	98%	0%	1%	0%	99%	-1.5%	<1
Medical Center Affiliated	Children's Hospital Los Angeles	1,944	97%	1%	1%	0%	98%	0.0%	<1
Medical Center Affiliated	John Muir Health	1,851	100%	0%	0%	0%	100%	2.1%	<1
Medical Center Affiliated	MemorialCare	1,822	100%	0%	0%	0%	100%	0.0%	<1
Medical Center	Palomar Medical	1,711	100%	0%	0%	0%	100%	0.0%	<1

Center Affiliated	Medical Center	1,711	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	Ventura County Hospital	1,671	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	Optum	1,651	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	Zuckerberg San Francisco General Hospital	1,343	100%	0%	0%	0%	100%	0.0%	<1
Medical Center Affiliated	El Camino Health	1,334	100%	0%	0%	0%	100%	0.4%	<1
Medical Center Affiliated	MLK Jr. Hospital	1,300	90%	5%	6%	0%	94%	-2.9%	<1
Medical Center Affiliated	Kaweah Delta	1,165	100%	0%	0%	0%	100%	0.1%	<1
Medical Center Affiliated	Huntington Hospital	1,004	100%	0%	0%	0%	100%	0.6%	<1
PHL	Total	173,171	67%	29%	3%	0%	96%	0.0%	1.3
PHL	Valencia Branch Lab (VBL)	160,763	66%	30%	3%	0%	97%	0.1%	1.3
PHL	San Diego PHL	2,943	95%	5%	0%	0%	100%	1.2%	<1
PHL	San Francisco PHL	1,774	71%	25%	4%	0%	96%	-3.3%	1.3
PHL	Contra Costa PHL	1,741	79%	21%	0%	0%	100%	0.0%	1.3
Uncategorized	Uncategorized	4,151	93%	5%	1%	1%	98%	1.1%	<1

Legend	Increase in % results within 2 days from prior period	Defined as -1 to 1% change in results within 2 days from prior period	Decrease in % results within 2 days from prior period
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1. Average turnaround times were determined based on date timestamp data only - hour timestamp currently unavailable
 2. Results assigned to week based on specimen result date; Results may be delayed entering CalREDIE production, therefore the metrics retroactively change
 3. Uncategorized entities are reporting facilities that could not be determined to be a commercial lab, a medical center affiliated lab, or a public health lab
 4. Numbers may not add up due to rounding.
- Note: The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production
- Source: CalREDIE ELR messages received in CalREDIE production; "Specimen collected date" and "Result date" are reported by the laboratory via HL7 ELR message"

Methodology for calculating lab turnaround time (TAT) from specimen collection to lab result

Data

- Data source - CalREDIE Electronic Lab Reporting (ELR) messages received in CalREDIE production
- “Specimen collected date” and “Result date” are reported by the laboratory via HL7 ELR messages

Assumptions

- Only labs processing at least 1K tests during the reporting period are included in the lab breakdown
- The turnaround time measured is defined as the time between collection of specimen and reporting of results.
 - This includes time to collect the specimen, time to ship the specimen and time to process the specimen and report the result. Some delay between specimen collection and lab receipt of specimen may not be attributable to the labs.
- The turnaround time for individual test results are currently only available at the date level (vs. date & timestamp). As such, the turnaround calculations are based on whole day. On occasion, turnaround time may be higher if there is a date change between collection of specimen and results.
- **Sample calculation**
 - Example data: Specimen collected date: 7/20, Result date: 7/27, DISA arrival date: 7/27
 - Specimen collection to CDPH receipt of lab result = Result date (7/27) - Specimen collected date (7/20) = 7 days
 - Lab result to CDPH receipt of lab: DISA arrival date (7/27) - Result date (7/27) =< 1 day

Additional notes

- The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production
- Results are assigned to week based on specimen result date and there may be a delay in releasing results into CalREDIE production, as local health jurisdictions may still be processing the results in the reported period. As such, the metrics may retroactively change as results come in for prior reporting periods
- The metrics described may differ from other state-reported data. The testing volumes in this report includes only ELR messages received in CalREDIE production